

Louisiana's Uninsured Population: Parish-level Estimates

A Report from the 2011 Louisiana Health Insurance Survey

Stephen Barnes, Assistant Professor-Research

Division of Economic Development

Department of Economics

EJ Ourso College of Business

Louisiana State University

Kirby Goidel, Professor

Director of Public Policy Research

Reilly Center for Media & Public Affairs

Manship School of Mass Communication

Louisiana State University

Dek Terrell, Freeport-McMoran Professor

Director Division of Economic Development

Department of Economics

E.J. Ourso College of Business

Louisiana State University

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The Public Policy Research Lab
Reilly Center for Media & Public Affairs
Manship School of Mass Communication
Louisiana State University

Division of Economic Development
E. J. Ourso College of Business
Louisiana State University

The Louisiana Health Insurance Survey (LHIS) represents the most comprehensive data collection effort in assessing health insurance coverage in Louisiana. The survey has been conducted every two years since 2003 with analysis from the 2011 LHIS providing the most recent estimates of insurance coverage in the state. This year's results provide important insight into the impact of a worsening economic environment on the number of uninsured children and adults in Louisiana. The percentage of uninsured Louisiana nonelderly adults rose from 20% in 2009 to almost 23% in 2011 as one would expect given the weaker economic environment in 2011.

For children, the opposite pattern appears as the percentage of uninsured children fell from 5% in 2009 to under 3.5% in 2011. The key reason for this difference between adults and children is the buffer that Medicaid/Louisiana Children's Health Insurance Program (LaCHIP) provides to Louisiana's children and aggressive efforts by the Louisiana Department of Health and Hospitals (DHH) to enroll eligible children. In particular, the automatic enrollment of more than 10,000 Louisiana children on February 11, 2010 based on data from the Supplemental Nutrition Assistance Program (SNAP) likely played a role in offsetting the worsening economic conditions.

The purpose of this report is to present estimates of the uninsured rates for children and adults in each of Louisiana's 64 parishes based on the 2011 LHIS. Parish-level estimates provide more detailed information on local areas than the statewide and regional results in the full report. For example, economic conditions can differ widely across parishes and natural disasters such as Hurricanes disproportionately affect some parishes. Moreover, targeted efforts to enroll children in Medicaid or LaCHIP may reduce the uninsured rate in one parish to a greater extent than regional estimates might suggest. The 2011 parish-level estimates are compared to past estimates in Appendix A to demonstrate trends in uninsured rates for each parish over time. These parish-level estimates help measure the success of past efforts to reduce the uninsured rate in Louisiana localities and are intended to provide better guidance to DHH in determining target areas for future Medicaid/LaCHIP outreach and enrollment. The estimates can also inform state and local decision making regarding providing care to the uninsured.

As with estimates from previous years of the LHIS, the 2011 estimates benefit from methodological improvements. Parish-level estimates from the 2005 LHIS introduced a statistical method that "borrows" information from other data sources and other parts of the state to improve estimates when the sample size is small. The 2011 methodology, summarized in a separate report, uses data from all prior LHIS surveys to more precisely estimate relationships between economic and demographic characteristics and insurance status. Combining current economic and demographic characteristics of each parish with these estimated relationships provides a statistical estimate of the uninsured rate for each parish. Raw survey estimates of the percent uninsured are then blended with the estimates from the statistical model. Intuitively, the results rely more heavily on less populous parishes where sample sizes are smaller.

The figures and tables below present the final parish-level estimates as well as some of the key underlying data upon which those estimates are based. Table 1 presents estimates of the percent uninsured for both nonelderly adults and children in each parish and the margin of error for these estimates. As the methodology report discusses in more detail, the margin of error is lower in parishes with large populations such as Orleans than in less populous parishes such as Tensas.

The results in Table 1 show substantial variation in the percentage of uninsured children and adults across parishes. Consider first the pattern for adults where the pattern is more predictable. The results range from a low of just over 16% of nonelderly adults without insurance in St. Tammany Parish to highs of roughly 39% uninsured in Red River and East Carroll Parish. Given that 40.8% of persons in East Carroll parish were living below the poverty line and only 9.4% of those in St. Tammany, this result conforms to expectations. In fact, much of the pattern observed in the data for adults can be explained by economic differences across the parishes. For children, this pattern is much weaker.

Figures 1 and 2 highlight these patterns by presenting these results graphically. Generally speaking, uninsured rates tend to be slightly higher in central and north Louisiana than south Louisiana. This pattern is more profound among adults than for children due to the Medicaid and LaCHIP coverage for children.

Table 2 converts these percentages into the estimated number of uninsured children and adults in each parish using 2010 Census estimates of the population. The largest number of uninsured children resides in Orleans parish with over 6,300 uninsured children, driven both by its population and its slightly higher uninsured rate than other parishes similar in terms of population. With similar populations but lower proportions of uninsured children, Jefferson and East Baton Rouge rank second and third in the number of uninsured children.

II. Discussion

This report contains detailed Louisiana parish-level estimates of the proportion of the population that is uninsured for both those under 19 and those between 19 and 64. The seasonally adjusted unemployment rate for Louisiana has risen from 6.9% in June 2009 to 7.3% in June 2011.¹ Not surprisingly, the proportion and number of uninsured nonelderly adults has risen during this period.

The results vary across parishes, but 48 of Louisiana's 64 parishes experienced an increase in the proportion of uninsured adults. Interestingly, the uninsured rate fell for children in 48 of Louisiana's 64 parishes. In these difficult economic times, LaCHIP and Medicaid programs play a crucial role in keeping uninsured rates insulated from broader economic conditions.

¹ U.S. Bureau of Labor Statistics, www.bls.gov.

Table 1: Blended Estimates of the Uninsured and Margins of Error

		Children (Under 19)		Adults (19-64)	
Parish	Region	Percent Uninsured	Margin of Error	Percent Uninsured	Margin of Error
Jefferson	1	4.0%	1.2%	19.8%	1.1%
Orleans	1	5.3%	0.9%	20.7%	1.0%
Plaquemines	1	4.6%	2.3%	21.0%	2.4%
St. Bernard	1	5.2%	2.3%	23.5%	2.4%
Ascension	2	2.1%	1.8%	16.2%	1.9%
East Baton Rouge	2	3.5%	0.9%	22.0%	1.0%
East Feliciana	2	3.0%	2.3%	21.3%	2.3%
Iberville	2	3.5%	2.1%	20.7%	2.2%
Pointe Coupee	2	4.5%	2.7%	19.5%	2.7%
West Baton Rouge	2	0.5%	2.5%	18.4%	2.5%
West Feliciana	2	8.8%	2.0%	25.2%	2.0%
Assumption	3	4.1%	2.0%	26.0%	2.1%
Lafourche	3	3.1%	1.5%	21.5%	1.5%
St. Charles	3	1.6%	1.9%	18.8%	1.9%
St. James	3	3.2%	2.4%	28.1%	2.6%
St. John The Baptist	3	3.0%	1.9%	26.1%	1.9%
St. Mary	3	0.7%	1.6%	28.5%	1.7%
Terrebonne	3	3.1%	1.4%	25.8%	1.5%
Acadia	4	3.5%	1.8%	26.2%	1.9%
Evangeline	4	0.8%	1.8%	25.3%	1.9%
Iberia	4	1.7%	1.6%	22.1%	1.7%
Lafayette	4	2.6%	1.3%	20.2%	1.3%
St. Landry	4	2.0%	1.4%	26.6%	1.5%
St. Martin	4	3.6%	1.6%	28.1%	1.7%
Vermilion	4	2.7%	1.8%	20.7%	1.9%
Allen	5	2.4%	2.0%	22.5%	2.2%
Beauregard	5	2.1%	1.8%	21.2%	1.8%
Calcasieu	5	3.3%	1.1%	21.3%	1.1%
Cameron	5	6.5%	3.0%	19.8%	3.0%
Jefferson Davis	5	5.7%	1.8%	22.1%	1.9%
Avoyelles	6	3.9%	1.9%	28.0%	1.9%
Catahoula	6	8.2%	2.8%	33.7%	2.8%
Concordia	6	3.8%	2.2%	27.5%	2.3%
Grant	6	7.8%	2.5%	30.9%	2.6%

Table 1 (continued): Blended Estimates of the Uninsured and Margins of Error

		Children (Under 19)		Adults (19-64)	
Parish	Region	Percent Uninsured	Margin of Error	Percent Uninsured	Margin of Error
La Salle	6	5.4%	2.3%	22.3%	2.4%
Rapides	6	2.1%	1.3%	23.7%	1.4%
Vernon	6	2.0%	1.7%	20.3%	1.9%
Winn	6	7.8%	2.4%	32.2%	2.3%
Bienville	7	5.7%	2.7%	30.9%	2.7%
Bossier	7	2.7%	1.8%	17.8%	1.8%
Caddo	7	3.7%	1.2%	27.6%	1.3%
Claiborne	7	6.6%	2.7%	30.2%	2.6%
De Soto	7	3.3%	2.6%	28.1%	2.6%
Natchitoches	7	2.9%	2.0%	28.0%	2.1%
Red River	7	6.2%	2.6%	39.5%	2.6%
Sabine	7	5.1%	2.4%	29.9%	2.4%
Webster	7	6.0%	3.0%	33.5%	2.8%
Caldwell	8	3.1%	2.6%	30.8%	2.4%
East Carroll	8	3.9%	2.5%	38.7%	3.1%
Franklin	8	1.8%	2.7%	33.0%	2.5%
Jackson	8	2.4%	2.7%	23.5%	2.6%
Lincoln	8	4.1%	2.3%	22.2%	2.2%
Madison	8	4.6%	2.8%	36.3%	2.8%
Morehouse	8	4.6%	2.1%	28.6%	2.3%
Ouachita	8	1.0%	1.4%	25.7%	1.6%
Richland	8	1.6%	2.2%	30.2%	2.3%
Tensas	8	6.5%	3.7%	34.3%	3.4%
Union	8	3.3%	2.8%	30.9%	2.7%
West Carroll	8	3.1%	1.8%	29.7%	1.9%
Livingston	9	3.0%	1.3%	20.4%	1.5%
St. Helena	9	9.8%	2.6%	33.8%	2.5%
St. Tammany	9	3.1%	1.1%	16.1%	1.2%
Tangipahoa	9	4.8%	1.4%	28.2%	1.4%
Washington	9	3.2%	2.5%	24.4%	2.5%

Figure 1: Uninsured Rates for Children (under 19) by Parish

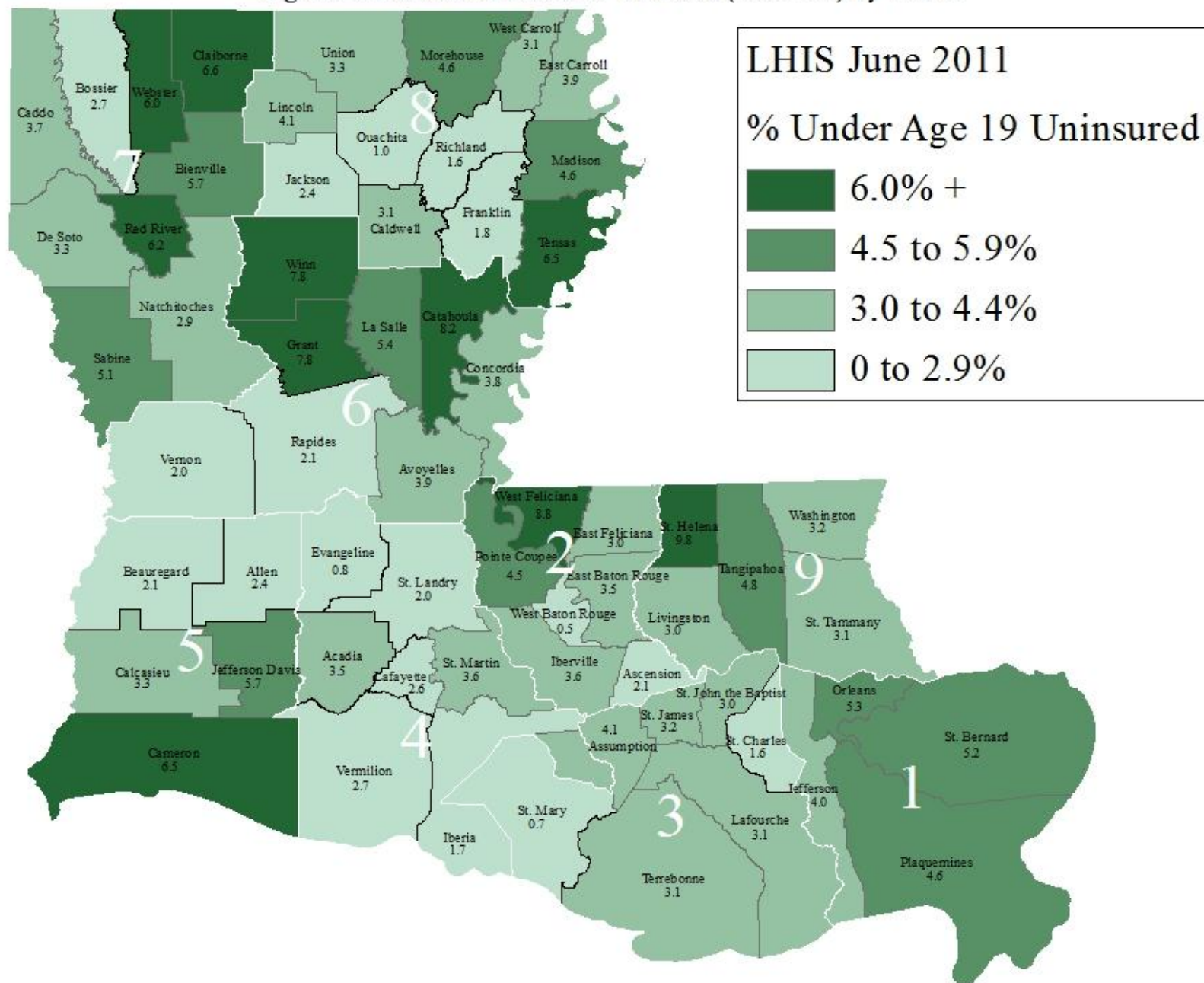


Figure 2: Uninsured Rates for Adults (Age 19 through 64) by Parish

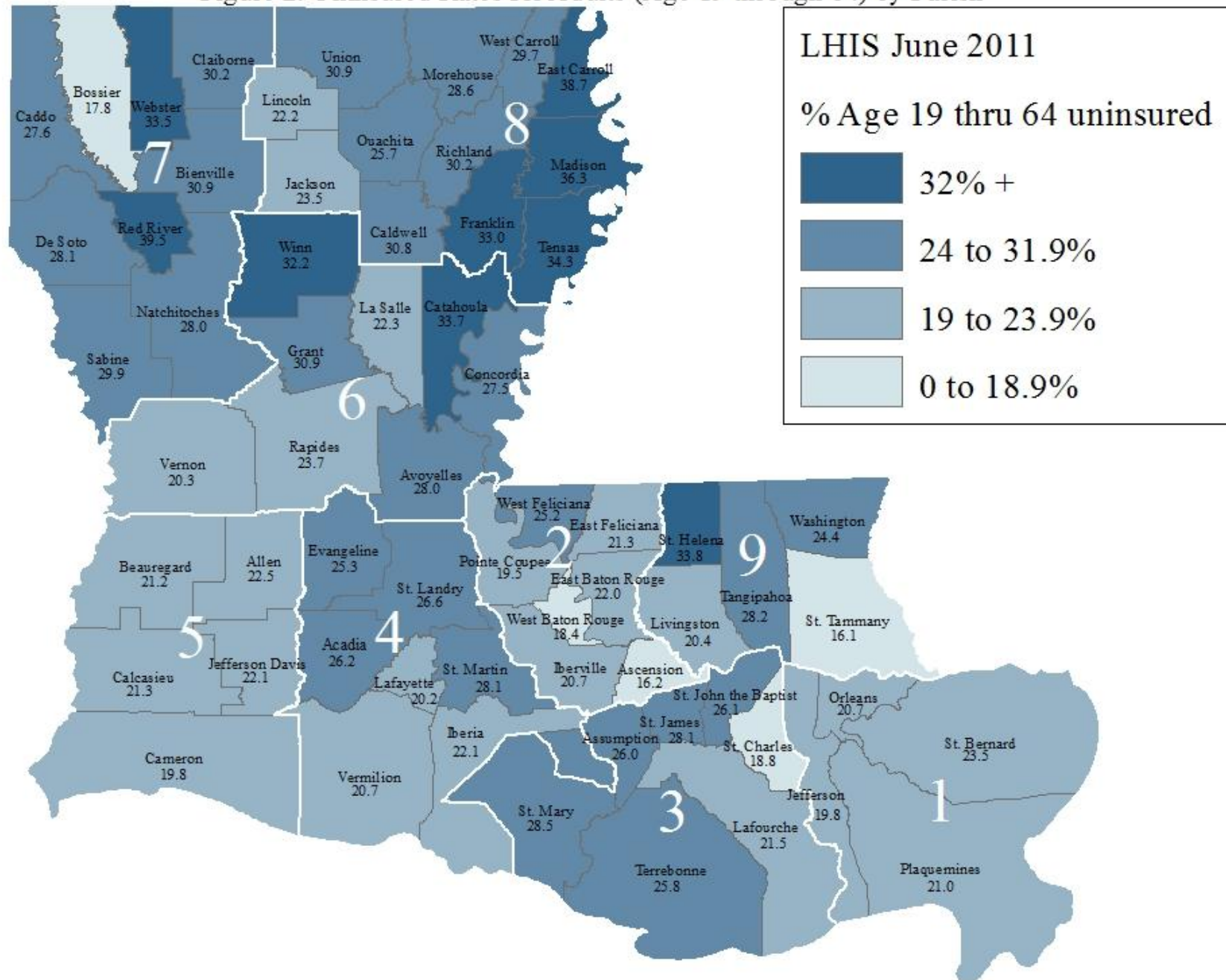


Table 2: Estimated Number of Uninsured Individuals

		Children (Under 19)			Adults (19-64)		
Parish	Region	Census Population	2011 Percent Uninsured	Estimated Number Uninsured	Census Population	2011 Percent Uninsured	Estimated Number Uninsured
Jefferson	1	114,787	4.0%	4,562	281,530	19.8%	55,778
Orleans	1	120,193	5.3%	6,364	276,166	20.7%	57,076
Plaquemines	1	8,165	4.6%	378	17,988	21.0%	3,785
St. Bernard	1	16,319	5.2%	844	40,240	23.5%	9,463
Ascension	2	27,248	2.1%	568	58,163	16.2%	9,445
East Baton Rouge	2	108,585	3.5%	3,785	260,014	22.0%	57,261
East Feliciana	2	5,077	3.0%	151	13,199	21.3%	2,809
Iberville	2	8,286	3.6%	295	20,257	20.7%	4,190
Pointe Coupee	2	5,810	4.5%	261	13,310	19.5%	2,600
West Baton Rouge	2	5,761	0.5%	29	13,448	18.4%	2,475
West Feliciana	2	2,760	8.8%	244	11,060	25.2%	2,783
Assumption	3	6,017	4.1%	247	14,322	26.0%	3,726
Lafourche	3	24,023	3.1%	745	56,995	21.5%	12,264
St. Charles	3	14,197	1.6%	224	31,916	18.8%	6,004
St. James	3	5,850	3.2%	188	12,713	28.1%	3,578
St. John The Baptist	3	14,001	3.0%	422	28,967	26.1%	7,558
St. Mary	3	14,380	0.7%	100	30,487	28.5%	8,685
Terrebonne	3	30,390	3.1%	931	65,933	25.8%	17,011
Acadia	4	17,159	3.5%	599	35,067	26.2%	9,175
Evangeline	4	10,167	0.8%	84	21,120	25.3%	5,348
Iberia	4	21,553	1.7%	372	44,173	22.1%	9,761
Lafayette	4	53,652	2.6%	1,401	124,888	20.2%	25,251
St. Landry	4	25,803	2.0%	506	52,241	26.6%	13,901
St. Martin	4	14,025	3.6%	502	30,834	28.1%	8,676
Vermilion	4	15,097	2.7%	405	33,111	20.7%	6,868
Allen	5	6,143	2.4%	150	15,917	22.5%	3,581
Beauregard	5	9,175	2.1%	193	21,430	21.2%	4,549
Calcasieu	5	49,915	3.3%	1,627	113,242	21.3%	24,146
Cameron	5	2,351	6.5%	153	5,990	19.8%	1,188
Jefferson Davis	5	8,858	5.7%	506	18,248	22.1%	4,024
Avoyelles	6	11,136	3.9%	435	25,304	28.0%	7,082
Catahoula	6	2,548	8.2%	210	6,279	33.7%	2,116
Concordia	6	5,068	3.8%	192	11,143	27.5%	3,064

Table 2 (continued): Estimated Number of Uninsured Individuals

		Children (Under 19)			Adults (19-64)		
Parish	Region	Census Population	2011 Percent Uninsured	Estimated Number Uninsured	Census Population	2011 Percent Uninsured	Estimated Number Uninsured
Grant	6	5,345	7.8%	417	11,853	30.9%	3,661
La Salle	6	3,434	5.4%	185	8,508	22.3%	1,901
Rapides	6	34,512	2.1%	725	77,163	23.7%	18,280
Vernon	6	14,448	2.0%	287	29,110	20.3%	5,916
Winn	6	3,786	7.8%	297	9,850	32.2%	3,168
Bienville	7	3,893	5.7%	221	8,702	30.9%	2,685
Bossier	7	29,364	2.7%	803	65,359	17.8%	11,632
Caddo	7	67,272	3.7%	2,509	150,604	27.6%	41,572
Claiborne	7	3,781	6.6%	250	9,500	30.2%	2,870
De Soto	7	7,126	3.3%	235	15,615	28.2%	4,395
Natchitoches	7	10,354	3.0%	305	23,463	28.0%	6,577
Red River	7	2,683	6.2%	166	5,372	39.5%	2,122
Sabine	7	6,110	5.1%	312	13,586	29.9%	4,061
Webster	7	10,249	6.0%	617	24,311	33.5%	8,134
Caldwell	8	2,557	3.1%	78	6,485	30.8%	1,995
East Carroll	8	2,617	3.9%	102	5,053	38.7%	1,957
Franklin	8	5,517	1.8%	98	11,705	33.0%	3,861
Jackson	8	3,765	2.4%	91	8,914	23.5%	2,092
Lincoln	8	9,836	4.1%	404	27,357	22.2%	6,067
Madison	8	3,681	4.6%	169	7,319	36.3%	2,655
Morehouse	8	8,058	4.6%	369	17,414	28.6%	4,984
Ouachita	8	41,075	1.0%	413	89,232	25.7%	22,898
Richland	8	5,495	1.6%	87	11,997	30.2%	3,624
Tensas	8	1,581	6.5%	103	3,578	34.3%	1,228
Union	8	5,782	3.3%	188	13,513	30.9%	4,172
West Carroll	8	2,830	3.1%	88	7,041	29.7%	2,089
Livingston	9	31,237	3.0%	937	69,924	20.4%	14,269
St. Helena	9	2,636	9.8%	259	6,112	33.8%	2,064
St. Tammany	9	60,441	3.1%	1,849	140,253	16.1%	22,560
Tangipahoa	9	29,746	4.8%	1,422	66,583	28.2%	18,744
Washington	9	11,941	3.2%	384	26,632	24.4%	6,492

Appendix A: Comparison of 2011 Estimates to Previous Years

Table A.1: Comparison to Past Estimates of Uninsured Children

Parish	Region	2003	2005	2007	2009	2011
Jefferson	1	9.6%	7.8%	8.9%	5.1%	4.0%
Orleans	1	9.9%	6.8%	9.5%	7.9%	5.3%
Plaquemines	1	7.7%	7.7%	6.9%	7.5%	4.6%
St. Bernard	1	8.6%	8.7%	11.0%	5.5%	5.2%
Ascension	2	13.7%	3.2%	6.8%	3.4%	2.1%
East Baton Rouge	2	9.7%	9.7%	4.2%	4.7%	3.5%
East Feliciana	2	10.0%	7.3%	2.6%	5.6%	3.0%
Iberville	2	15.1%	9.6%	3.1%	4.0%	3.5%
Pointe Coupee	2	14.1%	2.5%	7.9%	3.0%	4.5%
West Baton Rouge	2	14.7%	3.0%	5.9%	4.6%	0.5%
West Feliciana	2	5.9%	5.2%	4.0%	5.1%	8.8%
Assumption	3	15.5%	12.1%	7.8%	3.3%	4.1%
Lafourche	3	12.3%	11.5%	3.3%	3.7%	3.1%
St. Charles	3	9.1%	1.4%	3.1%	1.8%	1.6%
St. James	3	13.1%	7.6%	7.4%	4.5%	3.2%
St. John The Baptist	3	11.3%	4.1%	8.4%	5.6%	3.0%
St. Mary	3	12.4%	5.4%	4.6%	5.8%	0.7%
Terrebonne	3	10.1%	10.3%	1.8%	6.3%	3.1%
Acadia	4	12.3%	10.2%	6.9%	3.7%	3.5%
Evangeline	4	6.8%	8.9%	5.9%	3.4%	0.8%
Iberia	4	9.2%	8.4%	3.0%	4.0%	1.7%
Lafayette	4	11.0%	9.6%	5.1%	3.7%	2.6%
St. Landry	4	11.3%	8.9%	5.7%	3.6%	2.0%
St. Martin	4	11.2%	12.8%	7.0%	5.3%	3.6%
Vermilion	4	14.4%	12.1%	6.7%	4.9%	2.7%
Allen	5	13.5%	1.9%	4.2%	6.7%	2.4%
Beauregard	5	16.5%	7.0%	5.7%	5.3%	2.1%
Calcasieu	5	14.5%	3.1%	5.7%	5.0%	3.3%
Cameron	5	23.9%	7.3%	7.8%	7.0%	6.5%
Jefferson Davis	5	20.7%	8.0%	6.8%	10.5%	5.7%
Avoyelles	6	9.3%	10.3%	3.8%	7.9%	3.9%
Catahoula	6	11.0%	11.8%	3.6%	5.2%	8.2%
Concordia	6	13.1%	2.4%	5.9%	7.9%	3.8%
Grant	6	9.0%	15.8%	2.3%	9.0%	7.8%
La Salle	6	10.0%	10.4%	1.9%	3.9%	5.4%
Rapides	6	4.1%	10.2%	5.0%	5.0%	2.1%

Table A.1 (continued): Comparison to Past Estimates of Uninsured Children

Parish	Region	2003	2005	2007	2009	2011
Vernon	6	2.3%	9.1%	5.2%	4.0%	2.0%
Winn	6	12.2%	15.4%	5.7%	11.5%	7.8%
Bienville	7	19.6%	6.5%	4.5%	5.8%	5.7%
Bossier	7	10.6%	1.9%	3.3%	9.3%	2.7%
Caddo	7	14.6%	4.1%	5.1%	4.8%	3.7%
Claiborne	7	15.2%	6.0%	6.5%	5.8%	6.6%
De Soto	7	21.5%	0.6%	6.4%	4.7%	3.3%
Natchitoches	7	14.6%	3.0%	6.2%	5.5%	2.9%
Red River	7	27.2%	9.1%	3.2%	7.3%	6.2%
Sabine	7	20.7%	8.4%	5.5%	8.9%	5.1%
Webster	7	19.3%	3.5%	2.9%	6.5%	6.0%
Caldwell	8	9.9%	7.6%	4.3%	4.1%	3.1%
East Carroll	8	14.7%	3.2%	8.2%	3.3%	3.9%
Franklin	8	14.8%	10.1%	1.5%	2.4%	1.8%
Jackson	8	16.1%	12.1%	2.9%	3.7%	2.4%
Lincoln	8	10.0%	9.5%	5.5%	6.2%	4.1%
Madison	8	11.8%	6.8%	7.5%	2.7%	4.6%
Morehouse	8	14.4%	4.5%	6.6%	2.6%	4.6%
Ouachita	8	8.7%	7.7%	4.6%	4.3%	1.0%
Richland	8	14.3%	6.7%	1.6%	2.7%	1.6%
Tensas	8	11.8%	8.7%	4.7%	6.7%	6.5%
Union	8	12.8%	3.7%	8.0%	5.1%	3.3%
West Carroll	8	12.2%	6.5%	6.7%	2.2%	3.1%
Livingston	9	12.5%	4.9%	3.0%	3.4%	3.0%
St. Helena	9	14.1%	7.1%	8.5%	5.1%	9.8%
St. Tammany	9	7.6%	8.1%	4.2%	2.8%	3.1%
Tangipahoa	9	10.4%	10.8%	7.1%	3.5%	4.8%
Washington	9	17.2%	7.7%	10.7%	5.2%	3.2%

Table A.2: Comparison to Past Estimates of Uninsured Adults

Parish	Region	2003	2005	2007	2009	2011
Jefferson	1	20.1%	20.9%	21.1%	17.1%	19.8%
Orleans	1	21.6%	26.1%	21.1%	21.4%	20.7%
Plaquemines	1	20.5%	23.1%	19.5%	26.8%	21.0%
St. Bernard	1	22.1%	21.5%	30.7%	29.9%	23.5%
Ascension	2	19.3%	14.8%	15.0%	16.8%	16.2%
East Baton Rouge	2	19.3%	20.6%	16.7%	16.4%	22.0%
East Feliciana	2	19.8%	22.9%	16.9%	22.1%	21.3%
Iberville	2	19.3%	26.1%	20.4%	18.5%	20.7%
Pointe Coupee	2	20.1%	24.2%	17.5%	17.5%	19.5%
West Baton Rouge	2	19.2%	17.5%	19.5%	15.3%	18.4%
West Feliciana	2	15.1%	18.8%	16.4%	17.5%	25.2%
Assumption	3	23.8%	25.5%	22.1%	21.3%	26.0%
Lafourche	3	21.6%	24.5%	16.3%	14.3%	21.5%
St. Charles	3	15.4%	17.1%	14.0%	13.3%	18.8%
St. James	3	23.8%	18.6%	23.9%	24.8%	28.1%
St. John The Baptist	3	19.3%	17.6%	18.8%	22.0%	26.1%
St. Mary	3	23.9%	27.3%	20.3%	25.5%	28.5%
Terrebonne	3	22.2%	25.3%	22.2%	17.8%	25.8%
Acadia	4	24.9%	26.0%	22.4%	25.0%	26.2%
Evangeline	4	22.7%	26.9%	20.9%	22.6%	25.3%
Iberia	4	23.3%	19.1%	20.4%	20.3%	22.1%
Lafayette	4	20.2%	19.2%	16.6%	14.9%	20.2%
St. Landry	4	25.7%	23.3%	20.4%	20.0%	26.6%
St. Martin	4	26.5%	24.6%	22.0%	22.6%	28.1%
Vermilion	4	24.9%	21.9%	18.3%	18.7%	20.7%
Allen	5	21.4%	32.5%	27.6%	21.4%	22.5%
Beauregard	5	22.3%	29.1%	25.7%	18.9%	21.2%
Calcasieu	5	19.8%	28.5%	27.1%	19.9%	21.3%
Cameron	5	19.9%	29.0%	28.5%	18.7%	19.8%
Jefferson Davis	5	21.4%	30.4%	27.5%	21.7%	22.1%
Avoyelles	6	24.2%	34.0%	24.4%	23.6%	28.0%
Catahoula	6	29.1%	35.8%	29.4%	30.5%	33.7%
Concordia	6	28.8%	29.1%	22.9%	29.4%	27.5%
Grant	6	24.4%	32.2%	25.8%	26.3%	30.9%
La Salle	6	25.8%	34.9%	17.4%	20.6%	22.3%
Rapides	6	21.5%	27.6%	18.6%	21.3%	23.7%

Table A.2 (continued): Comparison to Past Estimates of Uninsured Adults

Parish	Region	2003	2005	2007	2009	2011
Vernon	6	12.0%	27.0%	19.7%	14.9%	20.3%
Winn	6	27.0%	35.7%	25.4%	28.7%	32.2%
Bienville	7	25.9%	35.0%	28.1%	32.6%	30.9%
Bossier	7	13.7%	22.0%	18.3%	20.3%	17.8%
Caddo	7	22.7%	25.2%	25.2%	25.0%	27.6%
Claiborne	7	24.8%	31.8%	29.3%	24.0%	30.2%
De Soto	7	22.9%	28.9%	28.6%	26.9%	28.1%
Natchitoches	7	22.8%	29.0%	24.8%	24.6%	28.0%
Red River	7	27.7%	34.1%	32.5%	34.0%	39.5%
Sabine	7	23.7%	33.7%	31.5%	27.6%	29.9%
Webster	7	26.7%	28.3%	29.4%	28.2%	33.5%
Caldwell	8	29.7%	28.9%	31.5%	32.4%	30.8%
East Carroll	8	29.3%	30.6%	35.6%	41.4%	38.7%
Franklin	8	32.1%	35.1%	28.2%	31.7%	33.0%
Jackson	8	27.3%	26.5%	21.9%	27.8%	23.5%
Lincoln	8	24.6%	20.5%	21.1%	30.7%	22.2%
Madison	8	33.1%	33.3%	30.6%	35.7%	36.3%
Morehouse	8	29.7%	28.1%	25.9%	34.4%	28.6%
Ouachita	8	24.5%	23.7%	23.3%	25.6%	25.7%
Richland	8	34.3%	29.0%	23.4%	29.8%	30.2%
Tensas	8	30.8%	30.3%	34.4%	36.9%	34.3%
Union	8	27.9%	28.1%	24.6%	27.8%	30.9%
West Carroll	8	33.3%	26.3%	31.1%	35.9%	29.7%
Livingston	9	18.0%	21.4%	18.6%	14.6%	20.4%
St. Helena	9	19.4%	29.7%	29.4%	32.0%	33.8%
St. Tammany	9	13.3%	16.1%	13.4%	10.4%	16.1%
Tangipahoa	9	21.9%	27.8%	25.2%	20.8%	28.2%
Washington	9	22.4%	28.5%	34.5%	26.7%	24.4%